

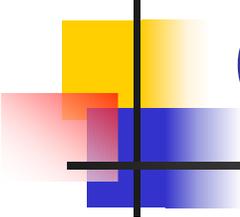
National Research Council Review of the *Strategic Plan for the Climate Change Science Program*

Chapter 9 – Human Contributions and Responses to Environmental Change

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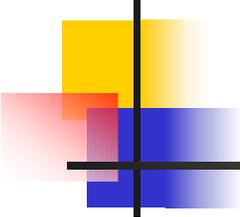
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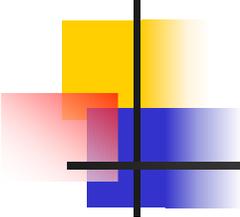
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Main Objective of Chapter

The human contributions and responses chapter seeks to explore how human activities influence and are influenced by changes in the global environment.



Focus of the Research

- Question 1: Focus on human influences on the climate system, on land use, and on other global environmental changes
- Question 2: Focus on analyses of societal vulnerability and resilience to global environmental change
- Question 3: Focus on decisionmaking under conditions of significant complexity and uncertainty
- Question 4: Focus on the potential effects of climate variability and change on human health and welfare

NRC and Public Comments and Recommendations

- Consider interactions & synergies of climate with other global changes
- The role of institutions
- Research on consumption patterns as driving forces
- Deliberative interactions with stakeholders
- Research on human preferences re: policy decisions
- Research on public perceptions re: embracing new technologies
- Applied research on questions re: mitigation and adaptation
- Economic analyses, especially costs/benefits of climate change, mitigation, adaptation, tradeoffs between response options
- Prioritization and better, more realistic outline of deliverables